			Transmit				
Application Number:	103	10784436					
Filing Date:	23-	23-Feb-2004					
Title of Invention:		THROUGH-HOLE CONDUCTORS FOR SEMICONDUCTOR SUBSTRATES AND METHOD AND SYSTEM FOR MAKING SAME					
First Named Inventor/Applicant Name:	Wi	William M. Hiatt					
Filer:	Ke	Kevin K. Johanson/Deidra Pfeil					
Attorney Docket Number:	220	2269-5868US (01-0764.00/U					
Filed as Large Entity							
Utility under 35 USC 111(a) Filing Fees							
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Basic Filing:				·			
Pages:							
Claims:							
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							

Publ. Fee- early, voluntary, or normal

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
	Total in USD (\$)			1810